CMS Simulation (LHE) 13 TeV 0.03 $pp \rightarrow h \rightarrow 2n_1 \rightarrow 2n_D + 2~\gamma_D \rightarrow 2n_D + 4\mu$ $m_h^{} = 125 \; \text{GeV}, \; m_{_{\Pi_1}^{}}^{} = 10 \; \text{GeV}, \; m_{_{\Pi_D}^{}}^{} = 1 \; \text{GeV}$ Fraction of events / 0.1 0.025 $m_{\gamma_0} = 0.275 \text{ GeV}, c\tau_{\gamma_0} = 0.1 \text{ mm}$ 1st dark photon (leading p₊) 2nd dark photon 0.02 ^{ᢧᡗᢇ}ᡶᡗᡀᢝᢝᢥᠯ᠌ᡓᠲᡊᡀᢪᠮᡘᡯᢇᡄᡘᢛᠷᠼᢛᡥᢧᡟᡅ 0.015 0.01 0.005 -3